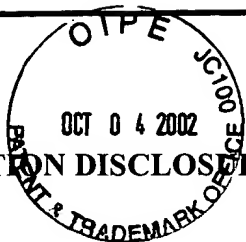


**INFORMATION DISCLOSURE CITATION**



Docket Number

98-038

Serial Number

09/218,085

#16

Applicants

WALKER et al.

Filing Date

December 22, 1998

Group Art Unit

2164

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E
AC	A	3,573,747	04/06/71	Adams et al.	340	172.5	
	B	4,108,361	08/22/78	Krause	235	375	
	C	4,323,770	04/06/82	Dieulot et al.	235	375	
	D	4,494,197	01/15/85	Troy et al.	364	412	
	E	4,500,880	02/19/85	Gomersall et al.	340	825.35	
	F	4,593,361	06/03/86	Otten	364	479	
	G	4,669,730	06/02/87	Small	273	138 A	
	H	4,677,553	06/30/87	Roberts et al.	364	412	
	I	4,689,742	08/25/87	Troy et al.	364	412	
	J	4,760,247	07/26/88	Keane et al.	235	454	
AW	K	4,815,741	03/28/89	Small	273	138 A	

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							Yes	No
AW	L	JP58-132886	08/08/83	Japan				X
h	M	EP 0 085 546 A2	08/10/83	Europe				

**OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)**

--	--	--

EXAMINER

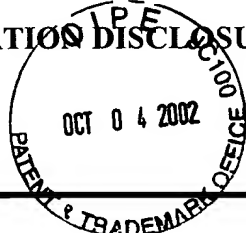
DATE CONSIDERED:

EXAMINER Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.


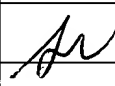
<b>INFORMATION DISCLOSURE CITATION</b> <div style="position: relative; width: 150px; height: 100px; margin: 0 auto;"> <span style="position: absolute; top: 0; left: 0; transform: rotate(-45deg); font-size: 8px;">PATENT &amp; TRADEMARK OFFICE</span> <span style="position: absolute; bottom: 0; right: 0; transform: rotate(45deg); font-size: 8px;">JC100</span> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-weight: bold;">OCT 04 2002</div> </div>				Docket Number 98-038		Serial Number 09/218,085	
				Applicants WALKER et al.			
				Filing Date December 22, 1998		Group Art Unit 2164	

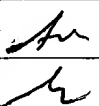
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRI- ATE	
	N	4,825,045	04/25/89	Humble	235	383		
	O	4,834,231	05/30/89	Awane et al.	194	217		
	P	4,839,507	06/13/89	May	235	381		
	Q	4,859,838	08/22/89	Okiharu	235	383		
	R	4,882,473	11/21/89	Bergeron et al.	235	380		
	S	4,908,761	03/13/90	Tai	364	401		
	T	4,922,522	05/01/90	Scanlon	379	95		
	U	4,937,853	06/26/90	Brule et al.	379	96		
	V	4,973,952	11/27/90	Malec et al.	340	825.350		
	W	4,982,337	01/01/91	Burr et al.	364	479		
	X	5,119,295	06/02/92	Kapur	364	412		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation	
							Yes	No
	Y	JP 2001093A	01/05/90	Japan (Abstract)				
	Z	JP 2208798 A	08/20/90	Japan (Abstract)				
OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER				DATE CONSIDERED: 10/18/02				
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

<b>INFORMATION DISCLOSURE CITATION</b> 				Docket Number 98-038		Serial Number 09/218,085	
				Applicants WALKER et al.			
				Filing Date December 22, 1998		Group Art Unit 2164	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E
<i>See</i> 	AA	5,128,862	07/07/92	Mueller	364	405	
	BB	5,132,914	07/21/92	Cahlander et al.	364	478	
	CC	5,172,328	12/15/92	Cahlander et al.	364	478	
	DD	5,177,342	01/05/93	Adams	235	379	
	EE	5,192,854	03/09/93	Counts	235	375	
	FF	5,201,010	04/06/93	Deaton et al.	382	7	
	GG	5,216,595	06/01/93	Protheroe	364	412	
	HH	5,231,569	07/27/93	Myatt et al.	364	408	
	II	5,239,165	08/24/93	Novak	235	375	
	JJ	5,243,515	09/07/93	Lee	364	401	
	KK	5,245,533	09/14/93	Marshall	364	401	

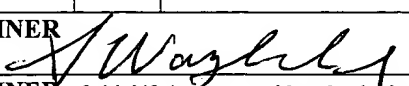
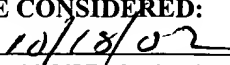
  

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							Yes	No
	LL	EP 512413	11/11/92	Europe (Abstract)				
	MM	JP 5242363 A	09/21/93	Japan (Abstract)				

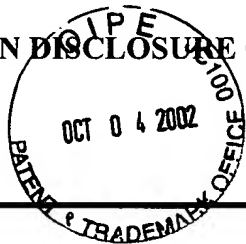
  

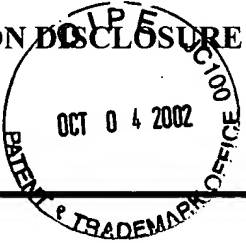
OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)		

EXAMINER 	DATE CONSIDERED: 
-------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> 				Docket Number 98-038		Serial Number 09/218,085		
				Applicants WALKER et al.				
				Filing Date December 22, 1998		Group Art Unit 2164		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E	
<i>AW</i> <i>↑</i>	NN	5,262,941	11/16/93	Saladin et al.	364	408		
	OO	5,267,452	12/07/93	Zinsmeyer et al.	62	505		
	PP	5,274,547	12/28/93	Zoffel et al.	364	408		
	QQ	5,283,731	02/01/94	Lalonde et al.	364	401		
	RR	5,297,031	03/22/94	Guttermann et al.	364	408		
	SS	5,339,250	08/16/94	Durbin	364	479		
	TT	5,353,218	10/04/94	De Lapa et al.	364	401		
	UU	5,380,991	01/10/95	Valencia et al.	235	383		
	VV	Re. 34,915	04/25/95	Nichtberger et al.	364	401		
	WW	5,420,606	05/30/95	Begum et al.	345	156		
<i>AW</i>	XX	5,434,394	07/18/95	Roach et al.	235	375		
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							Yes	No
<i>AW</i> <i>AW</i>	YY	JP 7065218 A	03/10/95	Japan (Abstract)				
	ZZ	KR 9503826	04/20/95	Korea (Abstract)				
<b>OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER <i>W. Day</i>				DATE CONSIDERED: <i>10/18/02</i>				
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

<b>INFORMATION DISCLOSURE CITATION</b> 				Docket Number 98-038		Serial Number 09/218,085	
				Applicants WALKER et al.			
				Filing Date December 22, 1998		Group Art Unit 2164	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E
<i>fu</i>	AAA	5,459,306	10/17/95	Stein et al.	235	383	
	BBB	5,481,094	01/02/96	Suda	235	383	
	CCC	5,504,475	04/02/96	Houdou et al.	340	825.35	
	DDD	5,510,979	04/23/96	Moderi et al.	364	405	
	EEE	5,572,653	11/05/96	DeTemple et al.	395	501	
	FFF	5,581,064	12/03/96	Riley et al.	235	383	
	GGG	5,592,375	01/07/97	Salmon et al.	395	207	
	HHH	5,592,378	01/07/97	Cameron et al.	395	227	
	III	5,602,377	02/11/97	Beller et al.	235	462	
	JJJ	5,611,052	03/11/97	Dykstra et al.	395	238	
<i>fu</i>	KKK	5,615,269	03/25/97	Micali	380	49	

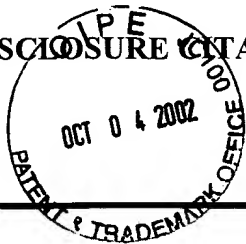
  

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							Yes	No
<i>fu</i> <i>fu</i> <i>fu</i>	LLL	JP 8-147545	06/07/96	Japan				
	MMM	JP 08329323A	12/13/96	Japan (Abstract)				
	NNN	JP 09016836 A	01/17/97	Japan (Abstract)				

OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)	
EXAMINER	DATE CONSIDERED: <i>01/18/02</i>

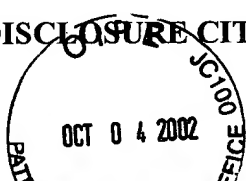
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> 				Docket Number 98-038		Serial Number 09/218,085	
				Applicants WALKER et al.			
				Filing Date December 22, 1998		Group Art Unit 2164	

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E	
<i>See</i> <div style="border-left: 1px solid black; height: 100px; margin: 0 auto; width: 20px;"></div>	OOO	5,621,201	04/15/97	Langhans et al.	235	380		
	PPP	5,632,010	05/20/97	Briechele et al.	345	1		
	QQQ	5,701,252	12/23/97	Facchin et al.	364	479		
	RRR	5,732,398	03/24/98	Tagawa	705	5		
	SSS	5,734,150	03/31/98	Brown et al.	235	381		
	TTT	5,774,868	06/30/98	Cragun et al.	705	10		
	UUU	5,822,216	10/13/98	Satchell, Jr. et al.	364	479.01		
	VVV	5,822,736	10/13/98	Hartman et al.	705	1		
	WWW	5,844,808	12/01/98	Konsmo et al.	364	479.14		
	XXX	5,873,069	02/16/99	Reuhl et al.	705	20		
<i>See</i>	YYY	5,878,401	03/02/99	Joseph	705	22		
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							Yes	No
<i>See</i>	ZZZ	JP 9062908 A	03/07/97	Japan (Abstract)				
<i>See</i>	AAAA	WO 97/24701	07/10/97	Japan				X
OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)								
EXAMINER				DATE CONSIDERED:				
<i>[Signature]</i>				<i>10/18/02</i>				

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> 	<b>Docket Number</b> 98-038	<b>Serial Number</b> 09/218,085
	<b>Applicants</b> WALKER et al.	
	<b>Filing Date</b> December 22, 1998	<b>Group Art Unit</b> 2164

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIAT E
<i>SL</i>	BBBB	5,930,145	07/27/99	Yuyama et al.	364	479.01	
	CCCC	5,997,928	12/07/99	Kaish et al.	426	418	
	DDDD	6,021,394	02/01/00	Takahashi	705	10	
	EEEE	6,049,777	04/11/00	Sheena et al.	705	10	
<i>SL</i>	FFFF	US 6,223,163 B1	04/24/01	Van Luchene	705	1	

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							Yes	No
<i>SL</i>	GGGG	WO 97/28510	08/07/97	PCT				

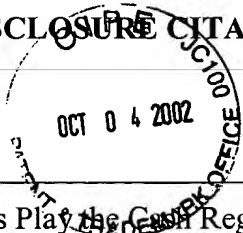
**OTHER DOCUMENTS (Including author, Title, Date, Pertinent Pages, Etc.)**

<i>SL</i>	HHHH	Brochure, "Introducing the Digital MenuBoard", Siren Technologies, Inc., (www.sirentech.com).
	IIII	Cook, Louise, "ConsumerWatch: Clip, Snip, Save", The Associated Press, March 12, 1984, Business News Section.
<i>SL</i>	JJJJ	Kuttner, Robert, "Computers May Turn The World Into One Big Commodities Pit", Business Week, September 11, 1989, Section: Economic Viewpoint, No. 3123 at Pg. 17.
<i>SL</i>	KKKK	Schrage, Michael, "An Experiment In Economic Theory; Labs Testing Real Markets", The Record, November 26, 1989, Section: Business at Pg. B01.

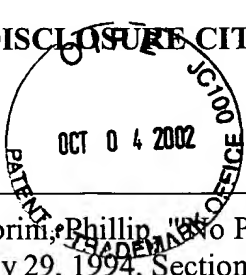
**EXAMINER**

**DATE CONSIDERED:**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> 		Docket Number	98-038	Serial Number	09/218,085
		Applicants			
		WALKER et al.			
		Filing Date	December 22, 1998	Group Art Unit	2164
<i>SL</i>	LLLL	"Let's Play the Cash Register Receipts Lottery", The New York Times, December 25, 1990, Section 1, Pg. 30, Column 4, Editorial Desk.			
	MMMM	Nakayama, Atsushi, "Coca-Cola machines to be 'smarter'; the Teleterminal control system is aimed at keeping customers, and machines, satisfied", The Japan Economic Journal, February 23, 1991, Section: Industry: Chemicals at Pg. 22.			
	NNNN	Del Rosso, Laura, "Marketel says it plans to launch air fare 'auction' in June; Marketel International Inc.", Travel Weekly, April 29, 1991, Section: Vol. 50, No. 34, Pg. 1, ISSN: 0041-2082.			
	OOOO	"Philips offers customers financing through Citicorp; Philips Medical Systems North America, Citicorp North America Inc." Health Industry Today, June 1991, Section: Vol. 54, No. 6, Pg. 4, ISSN: 0745-4678.			
	PPPP	Pelline, Jeff, "Travelers Bidding On Airline Tickets SF firm offers chance for cut-rate fares" The San Francisco Chronicle, August 19, 1991, Sections: News at Pg. A4.			
	QQQQ	Del Rosso, Laura, "Ticket-bidding firm closes its doors; Marketel International; Brief Article", Travel Weekly, March 12, 1992, Section: Vol. 51, No. 21, Pg. 1, ISSN: 0041-2082.			
	RRRR	"Coupons get serious; supermarkets use barcodes to prevent misredemptions", Chain Store Age Executive with Shopping Center Age, October 1992, Section: Vol. 68, No. 10, Pg. 68, ISSN: 0193-1199.			
	SSSS	Gilbert, Allan Z., "Operators can gain with creative merchandising", Automatic Merchandiser, October 1992, pg. 80, ISSN: 1061-1797.			
	TTTT	"Winn-Dixie/The Salvation Army Report Contributions For War Against Hunger", PR Newswire, June 10, 1993, Section: Financial News.			
	UUUU	Website: "FAQ: CSH Coke Machine Information", Institute of Information & Computing Sciences (ICS), May 23, 1994, Vol. 1.2, ( <a href="http://www.cs.uu.nl/wais/html/na-dir/csh-coke-machine-info.html">http://www.cs.uu.nl/wais/html/na-dir/csh-coke-machine-info.html</a> ).			
<i>SL</i>	VVVV	Jones, Jeanne, "Data Readers Streamline Management; Scanner Technology Aids Retailers As Well As Plants, Wholesalers", The Houston Post, June 26, 1994, Section: Business at Pg. D1.			
EXAMINER		<i>SL Walker</i>		DATE CONSIDERED:	
				<i>10/18/02</i>	
<b>EXAMINER:</b> Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

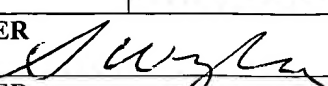


<b>INFORMATION DISCLOSURE CITATION</b> 		Docket Number 98-038	Serial Number 09/218,085
		Applicants WALKER et al.	
		Filing Date December 22, 1998	Group Art Unit 2164

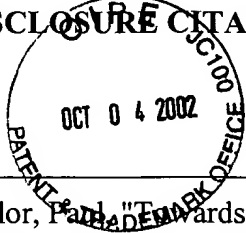
  

Se	WWWW	Fiorini, Phillip, "No Place For Penny?"/Smallest coin doesn't make cents to some", USA Today, July 29, 1994, Section: News at Pg. 1A.
	XXXX	Smith, Alison, "Survey of UK Consumer Credit and Asset Finance", Financial Times, November 3, 1994, Section: Pg. VI.
	YYYY	Andreoli, Tom et al., "Cash Machines Offer A Whole Lotto Money For Withdrawl; An Unfortunate Juxtaposition; Block That Metaphor!; Something Street Talk; Fishy In Springfield; State Street Sears?; Champion As Underdog; A 'Whole Language' Graduate", Crain's Chicago Business, June 19, 1995, Section: News at Pg. 8.
	ZZZZ	"Spain: BBV launches new card", Cards International, June 22, 1995 at Pg. 5.
	AAAAA	Greene, Jan, "Farm bills please assns; National Grocers Association", Supermarket News, Vol. 35, December 23, 1985 at Pg. 6.
	BBBBB	Knippenberg, Jim, "Will local radio empires strike back?", The Cincinnati Enquirer, July 23, 1995, Section: Tempo at Pg. F01.
	CCCCC	Brochure, "Cyber Bid", Net Fun Ltd., Copyright 1996.
	DDDDD	Bonnici, Joseph et al., "Consumer issues in coupon usage: An exploratory analysis", Journal of Applied Business Research, Winter 1996/1997, Section: Vol. 13, No. 1, pp. 31-40, ISSN: 0892-7626, CODEN: JPBEK.
	EEEEE	Maras, Elliot, "Software opens doors to scientific machine menuing", Automatic Merchandiser, February 1996, Pg. 36, ISSN: 0002-7545.
	FFFFF	Hadley, Kimberly, "Pastors praying anti-arson effort will burn bias", The Nashville Banner, July 26, 1996, Section: News at Pg. A13.
	GGGGG	Gapper, John, "NatWest reports rise in bad debt", Financial Times, July 31, 1996, Section: News: UK; at Pg. 09.
✓	HHHHH	Gilbert, Allan Z., "A call to action for wireless data communication", Automatic Merchandiser, August 1996, Financial Management section.
Se	IIIII	"LYNX TECHNOLOGY: Lynx to provide business leasing programme through Schroder Leasing", M2 Presswire, August 9, 1996.

EXAMINER 	DATE CONSIDERED: 10/18/02
-------------------------------------------------------------------------------------------------	------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE CITATION</b> 		Docket Number	Serial Number
		98-038	09/218,085
		Applicants	
		WALKER et al.	
		Filing Date	Group Art Unit
		December 22, 1998	2164

JJJJ	Taylor, Paul, "Towards a dream market", Financial Times (London), September 4, 1996, Section: Survey - FT IT; at Pg. 03.
KKKKK	"Public Internet Kiosks, Inc. Receives First Order For Its 'Internet Station' – The Vending Machine of the Future", PR Newswire, September 16, 1996.
LLLLL	Singletary, Michelle, "Electronic World, Unchecked Problem? U.S. Move to Paperless Payments Raises Worries About Those Who Don't Use Banks", The Washington Post, March 4, 1997, Section: Financial at Pg. C01.
MMMMM	Hirschfeld, David, "Increasing Profits Through Automation", Independent Vendors Association Quarterly, April/May/June 1997.
NNNNN	French, Simone A., "A Pricing Strategy to Promote Low-Fat Snack Choices through Vending Machines", American Journal of Public Health, May 1997, Vol. 87, No. 5, pp. 849-851.
OOOOO	"Avco Financial Services", National Home Furnishing Association, ( <a href="http://www.homefurnish.com/NHFA/avco.htm">http //www homefurnish comNHFA/avco htm</a> ), download date: May 23, 1997.
PPPPP	Website, "Catalina Marketing Corporation", ( <a href="http://catalinamktg.com/prodcdir.htm">http //catalinamktg com/prodcdir htm</a> ), download date: May 29, 1997.
QQQQQ	Riordan, Teresa, "Patents; A novel approach to making a better spermicide harks back to some old-fashioned methods", The New York Times, June 9, 1997, Section D, Pg. 2, Column 1, Business/Financial Desk.
RRRRR	Nairn, Geoff, "The key to your identity: Falling costs will allow fingerprint verification to be widely used, reports Geoff Nairn", Financial Times (London), July 15, 1997, Section: Technology; at Pg. 12.
SSSSS	"The United Computer Exchange, How It All Works", ( <a href="http://www.uce.com/howitworks.html">http //www uce com/howitworks html</a> ), download date: July 23, 1997.
TTTTT	"Classified 2000: The Internet Classifieds", Classifieds2000, Inc., ( <a href="http://www.classifieds2000.com/cgi-cls/Display.exe?C2K+aboutus">http //www classifieds2000 com/cgi-cls/Display exe?C2K+aboutus</a> ), download date: August 6, 1997.

EXAMINER	DATE CONSIDERED:
<i>Stacy Lee</i>	10/18/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

